

JILLIAN E. KOZYRA

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EDUCATION

B.S. Computer Science and B.A. Russian Studies, May 2010

New York University, New York, NY

Minor: Physics

Overall GPA: 3.4

Summer Studies in Mathematics, Summer 2004

Stanford University, Stanford, CA

Overall GPA: 3.7

EXPERIENCE

The Mashera Project (with the U.S. Department of State), New York, NY

Lead Developer, March 2010 – Present

- Conceived of and developed a web application to scrape databases of humanitarian relief organisations active and compile the data into one fully searchable database, providing an easy way to retrieve/maintain information about the NGOs and increase inter-organisation collaboration
- Technologies used include Ruby on Rails, Ruby, MySQL, Javascript/Ajax, UNIX and HTML/CSS

Courant Institute of Mathematical Sciences - NYU, New York, NY

Software Developer and Undergraduate Researcher, May 2008 – Present

- Developed a linguistics web application called Syntactic Structures of the World's Languages to enable the comparison and analysis of linguistic properties across languages
- Presented project at conferences in the U.S. and Canada
- Technologies used include Ruby on Rails, Ruby, MySQL, Javascript/Ajax, UNIX and HTML/CSS

Teaching Assistant, January 2008 – December 2009

- Aid students in computer science classes (Java and Python) in a lab and run study sessions
- Review and grade home assignments

IBM, Raleigh, NC and remotely from home

Extreme Blue Technology Intern, May 2009 – December 2009

- Developed an internal platform that enables flexible and cost effective deployment of emerging technologies (specifically web applications) with a publicly-deployed portal to allow parties to test and rate applications
- Used IBM Developer Cloud and RC2 Cloud as platforms to deploy applications on
- Technologies used include Ruby on Rails, Ruby, MySQL, UNIX, HTML/CSS and virtualisation

24/7 Real Media – New York, NY

Technology Intern, May 2008 – August 2008

- Created framework for QuickTest Professional (QTP) to automate functional testing of product
- Used UNIX and Visual Basic Script

Kozyra & Hartz, LLC, Roseland, NJ

Webmaster, October 2009 – December 2009; Paralegal, June 2007 – August 2007 & July 2004 – August 2005

- Drafted and reviewed legal documents (leases, wills and real estate closings) and performed legal research
- Created and maintained the firm website

SKILLS

- Microsoft Windows, Mac OS, and UNIX proficient
- Programming skills: experienced in Ruby on Rails, Ruby, SQL, and CSS/HTML programming; proficient in Java and Python; knowledge of Javascript/Ajax, C, R, Assembly, and MATLAB
- Language skills: proficient knowledge of Russian and Latin

ACTIVITIES/

- Women in Computing Club (WinC) – Treasurer (2008-2010) and Undergraduate Chair (2007-2009)
- Association of Computing Machinery (ACM) member
- Other interests include French horn, piano, music, languages, baking, embroidery and fencing

HONORS

- Slavic Award for Excellence, 2008, for achievement in Slavic languages/literature
- Dean's List, 2007-2009
- AP Scholar with Distinction
- National Merit Commended Scholar
- National Honor Society, 2003-2005